

A schematic diagram of a vacuum furnace. The central component is a vertical furnace body (1) with a flared top and bottom. A horizontal sample holder (2) is positioned inside the furnace body. The sample holder consists of a central rod (11) and two side rods (12, 13). The sample holder is supported by a base (3) and a top support (4). The furnace body is connected to a vacuum system (5, 6, 7, 8, 9, 10, 14, 17) and a power supply (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 14, 17). The diagram shows the internal structure of the furnace and the sample holder, with various components labeled with numbers 1 through 17.

Fig. 2

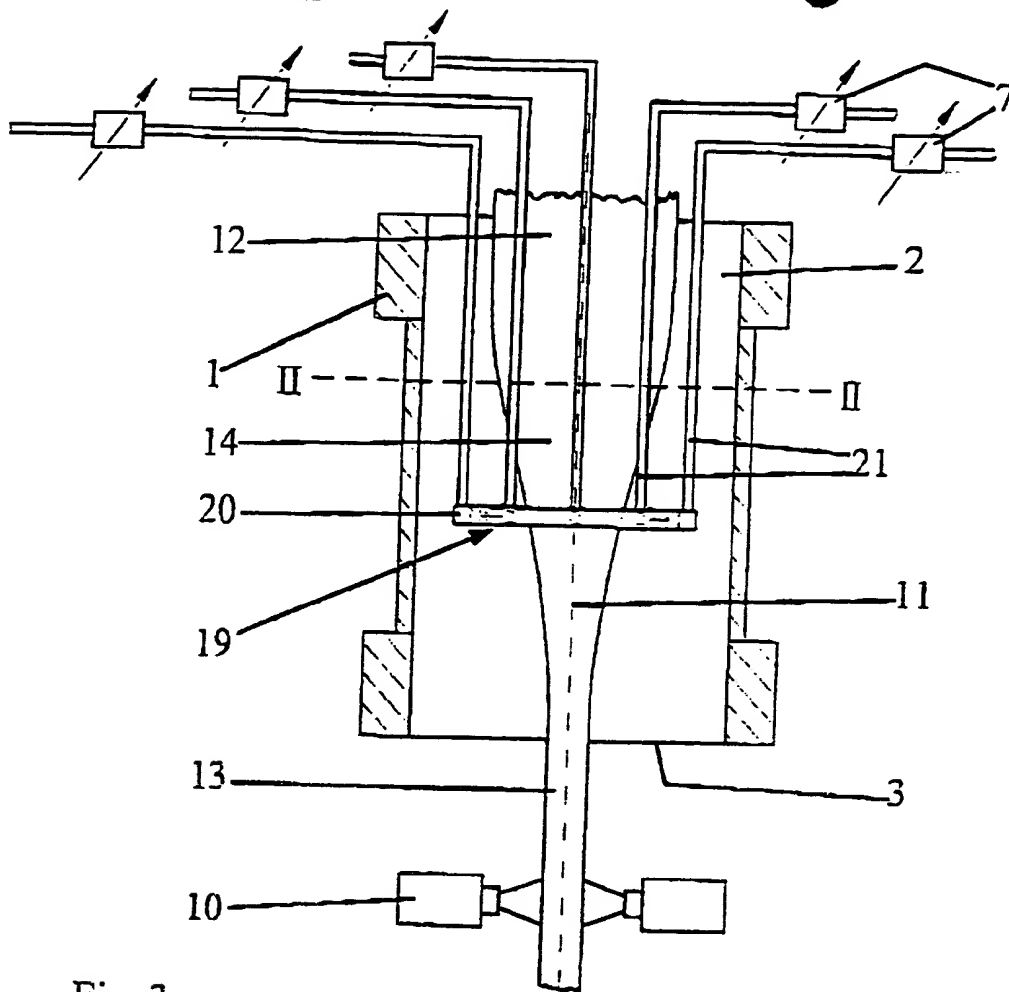


Fig. 3

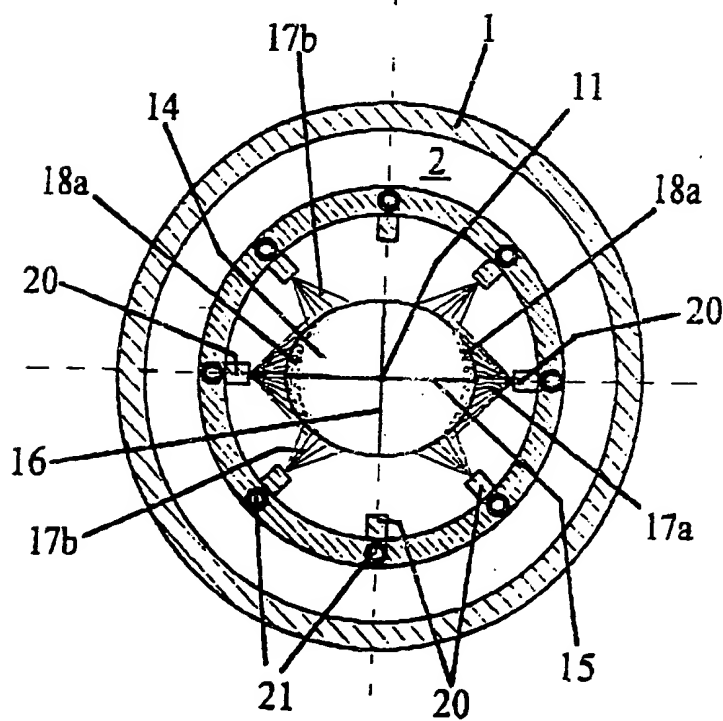


Fig. 4